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## DNA ANALYSIS PROTOCOL FOR DETECTION OF HEREDITARY DISEASES

Submitter of analysis : Jacqueline Houben  
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Date of sampling : 03.03.2014  
Date of samples receipt: 07.03.2014  
Date of analysis : 12.03.2014

Breed/name	Tattoo or RFID id/ Certificate of origin	Laboratory code	Type of analysis	Result
Rough collie/ Houbensloch Castle Peigi Assynt	528140000440282	140307/K0771	PRA-rcd2	N/N Non-affected
	NHSB 2821271			

The results of analysis are stored in a database under the lab code 140307/K0771.

### Hints:

#### **Genotype PRA-rcd2 N/N – healthy subject – non-affected**

Both genes, inherited from both male and female are unaffected. That means that the subject has both alleles healthy.

#### **Genotype PRA-rcd2 N/A – carrier**

Subjects with confirmed heterozygous N/A genotype are carriers. Gene mutation can be transmitted to offspring.

#### **Genotype PRA-rcd2 A/A – affected subject**

The subject is a homozygote with A/A genotype, which inherited the affected allele from both parents and thus is affected by the disease.

Notice: This protocol applies exclusively to the sample and the data that were supplied by the submitter. DNA analysis concerns only the above mentioned disease. No information regarding the customer as well as purpose and results of the analysis will be provided to third parties.

In Bratislava 13.03.2014  
Ing. Marcela Bielíková, PhD.